INTERNATIONAL SEARCH REPORT

International Application No PCT/JP2004/004864

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H02G3/08 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) H02G IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Category ° 1-4 US 4 772 759 A (ROY ET AL.) X 20 September 1988 (1988-09-20) column 3, line 44 - column 3, line 49; figure 1 1-4 JP 09 093757 A (YAZAKI CORP) Χ 4 April 1997 (1997-04-04) abstract 5,6,9,10 US 5 488 345 A (SEKI ET AL.) X 30 January 1996 (1996-01-30) 7,8,11, column 6, line 8 - column 6, line 62; Υ figures 6-8 7,8,11, JP 2002 124175 A (YAZAKI CORP) 26 April 2002 (2002-04-26) cited in the application abstract Patent family members are listed in annex. Further documents are listed in the continuation of box C. *T* later document published after the international filing date or priority date and not in conflict with the application but Special categories of cited documents: *A* document defining the general state of the art which is not considered to be of particular relevance cited to understand the principle or theory underlying the invention *E* earlier document but published on or after the international 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled in the art. "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but '&' document member of the same patent family later than the priority date claimed Date of mailing of the international search report Date of the actual completion of the international search 1 6 SEP 2004 1 September 2004 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Bolder, G Fax: (+31-70) 340-3016

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